

**What is claimed is:**

1. A method of upgrading system software of a home appliance,  
comprising:

reading a system software version of the home appliance to  
5 be upgraded among home appliances constituting a home network  
with a home server;

reading a latest system software version corresponding to  
the home appliance from an appliance company server connected  
through the home server and Internet;

10 comparing the system software version of the home appliance  
in the home network with the system software version of the  
corresponding home appliance in the appliance company server;

if the system software version of the corresponding home  
appliance in the appliance company server is newer than the  
15 system software version of the home appliance in the home network,  
downloading the system software of the corresponding home  
appliance from the appliance company server to the home server;  
and

replacing the system software of the home appliance at home  
20 with the downloaded system software through the home network.

2. The method of claim 1, wherein the step of reading the  
system software version of the home appliance in the home network  
is periodically performed.

3. The method of claim 1, wherein the step of reading the system software version of the corresponding home appliance from the appliance company server is periodically performed through  
5 the Internet.

4. A method of upgrading system software of a home appliance, comprising:

selecting the system software of the latest home appliance  
10 to be updated from a data broadcast which provides upgrade information of the system software of home appliances;

downloading the selected system software from an appliance company server to a home server through Internet; and

replacing the system software of the home appliance at home  
15 with the downloaded system software through the home network.

5. The method of claim 4, wherein the home server is a set top box connected to a digital television receiver.

20 6. A method of upgrading system software of a home appliance, comprising:

transmitting the system software of the latest home appliance from an appliance company server to a broadcasting station through Internet;

propagating a broadcasting stream including the system software;

downloading the system software to a home server through a digital television receiver which receives the broadcasting  
5 stream; and

replacing the system software of the home appliance at home with the downloaded system software through the home network.

7. The method of claim 6, wherein the home server is a set  
10 top box connected to the digital television receiver.